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Application Number		10562735
Filing Date		2006-05-19
First Named Inventor	Mand	elboim
Art Unit		1647
Examiner Name	Hamu	ud, Fozia M
Attorney Docket Numb	er	2488.033

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	2	5134075	B1	1992-07-28	Helistrom	
	3	5171665	B1	1992-12-15	Hellstrom	
	4	5196337	B1	1993-03-23	Ochi	
	5	5204095	B1	1993-04-20	Goodali	
	6	5643759	B1	1997-07-01	Pfreundschuh	
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	9	6004554	B1	1999-12-21	Thorpe			
	10	6017514	B1	2000-01-25	Epstein			
	11	6071491	B1	2000-06-06	Epstein			
	12	6342221	B1	2002-01-29	Thorpe			
	13	6703018	B2	2004-03-09	Jardieu			
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	2	02/08287	wo	A3	2002-12-12	Yissum Research Dev. Co. of the Hebrew Univ of Jer		
	3	04/053054	wo	A2	2004-06-24	Natspears Ltd.		
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	2	Biassoni et al, "Human r	natural killer cell re	ceptors	and co-receptor	s* Immunol Rev. 2001;181.	203-214.	
	3	Cantoni et al., "NKp44, a novel member of the imi				lysis by activated human na 99;189(5), 787-796	atural killer cells, is a	
	4	Costello et al., "Defective myeloid leukemia" Blood			of natural killer o	cell-triggering receptors in p	atients with acute	

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5	Dennissen, et al., "Large, tissue-regulated domain diversity of heparan sulfates demonstrated by phage display antibodies" J Biol Chem 2002;277:10582.	
6	Lee et al., "Alteration of ferminal glycosylation sequences on N-linked oligosaccharides of Chinese hamster ovary cells by expression of beta-galactoside alpha 2,6-sialyttansferase" J Biol Chem. 1999; 264:13948-13955.	
7	Mandelborn et al., "Human CD16 as a lysis receptor mediating direct natural killer cell cytotoxicity" Proc Natl Acad Sci U.S.A. 1999;96:5640-5644	
8	Mandelborn et al., "Recognition of haemagglutinins on virus-infected cells by NKp46 activates lysis by human NK cells" Nature. 2001;409:1055-1060	
9	Market et al., "Proofal role of CEACAM1 protein in the inhibition of activated decidual lymphocyte functions" J Clin Invest. 2002;110:943-953	
10	Pende et al., "Identification and molecular characterization of NKg30, a novel triggering receptor involved in natural cytotoxicity mediated by human natural killer cells." J Exp Med. 1999, 150: 1505-1516	
11	Pessino et al., "Molecular cloning of NKp46: a novel member of the immunoglobulin superfamily involved in triggering of natural cytotoxicity" J Exp Med. 1998, 188:953-960	
12	Skehel et al., "Changes in the conformation of influenza virus hemagglutinin at the pH optimum of virus-mediated membrane fusion" Proc Natl Acad Sci U.S.A. 1982;79:968-972	
13	Sivor et al., "p46, a novel natural killer cell-specific surface molecule that mediates cell activation" J Exp Med. 1997; 186:1129-1136	
14	Vanicayalapab et al., "The NKp46 receptor contributes to NK cell lysis of mononuclear phagocytes infected with an intracellular bacterium" J limmunol. 2002;168:3451-3457	
15	Vitale et al., "NKp44, a novel triggering surface molecule specifically expressed by activated natural viller cells, is molved in non-major instruccional production of the complex restricted fumor cell lysis" J Exp Med. 1989,187 2065-2072	

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